



Implementation Plan

July 1998

VIRGINIA RIPARIAN FOREST BUFFER PANEL

A C K N O W L E D G M E N T S

Virginia is grateful to many individuals for their continued support of the Virginia Riparian Buffer Initiative. More than 60 individuals and representatives of interested groups from across Virginia played key roles in developing this plan. They represented a broad range of interests, including natural resource management, agriculture, silviculture, building and land development, and watershed advocacy, among others.

Thanks to panel members Scott Crafton, of the Chesapeake Bay Local Assistance Department, Mike Foreman, of the Virginia Department of Forestry, and Sarah Pugh, of the Virginia Department of Agriculture and Consumer Services, for translating earlier drafts into a final plan.

Thanks to the U.S. Environmental Protection Agency, Chesapeake Bay program, for permission to use the photograph on the front cover and much of the information in the section entitled *Riparian Buffers*: A Closer Look. Thanks to the U.S. Department of Agriculture — Forest Service for permission to use the graphic depicting the model 3-zone riparian forest buffer.

Special thanks to the Virginia Department of General Services' Office of Graphic Communications representatives Diana Plasberg for the layout and Nena Teller for the editing.

Virginia Riparian Buffer Panel Participants

Department of Forestry

James W. Garner, State Forester, Chair J. Michael Foreman Matthew Poirot Iim Starr

Department of Conservation and Recreation

Carlton Lee Hill J. Richard Hill Mark Bennett Ron Hedlund

Chesapeake Bay Local Assistance Department

Scott Crafton

Department of Agriculture and Consumer Services

Sarah Pugh

Department of Environmental Quality

Collin Powers Alan Pollock

Department of Game and Inland Fisheries

Larry Hart Steve Capel

Virginia Tech School of Forestry and Wildlife

Dr. Mike Aust

Virginia Institute of Marine Science

Dr. Carl Hershner

Chesapeake Bay Commission

Melanie Davenport Russ Baxter

U.S.D.A. Natural Resource Conservation Service

John Meyers Ken Carter

U.S.E.P.A.- Chesapeake Bay Program

Ann Lackey Coreen Weilminster TABLE OF CONTENTS

COMMONWEALTH OF VIRGINIA

RIPARIAN BUFFER



Implementation Plan

Foreword
Executive Summary
Introduction
Count Me In! Form
Riparian Buffers: A Closer Look
Implementation Plan
Objective 1 — Restore Riparian Buffers
Objective 2 — Conserve Existing Riparian Buffers
Objective 3 — Enhance Program Coordination
Objective 4 — Enhance Incentives
Objective 5 — Promote Education and Outreach
Objective 6 — Target, Track and Conduct Research24
Appendices
A — Chesapeake Bay Program Information
Directive 94-1
Adoption Statement
Final Report of the Chesapeake Bay Riparian Forest Buffer Panel
B — Riparian Forest Buffer Establishment Specifications
C — Riparian Buffer Inventory Sheet51
D — House Bill 1419, 1998 General Assembly55

RIPARIAN BUFFER

Implementation Plan

July 1998

R iparian buffers — areas of trees, shrubs or other vegetation adjacent to streams — play a significant role in conserving living resources. Recognizing these environmental benefits, the multi-jurisdictional Chesapeake Bay Executive Council adopted Directive 94-1 in October 1994. This directive called on the Chesapeake Bay Program to develop a policy on riparian forest buffers. Following a two year effort by a Panel representing many interest groups and experts, the



Executive Council adopted several goals and policy recommendations to enhance stewardship of riparian areas. Specifically, the goals call for conserving existing riparian buffers and restoring 2,010 miles of new riparian forest buffers within the Bay watershed by the year 2010. Virginia's commitment is to restore 610 miles of riparian forest buffers in the same time frame.

Thanks to the information and education efforts of many federal and state agency partners and stakeholders, as well as to advances in our scientific understanding of buffer functions, riparian buffers are being recognized for their ecological value and planted across the Commonwealth. We trust this implementation plan will promote further efforts to protect the Chesapeake Bay by conserving and restoring riparian forest and other buffers.

James W. Garner, State Forester, Chair

Virginia Riparian Forest Buffer Panel